

Serial No. 10/727961



DeMont & Breyer Docket: 465-012US  
Polaris Docket:

ITW

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Patent Application**

**Inventor:** Gregory D. Durgin

**Serial No.:** 10/727961

**Filing Date:** 12/4/2003

**Art Unit:** Not Yet Assigned

**Examiner:** Not Yet Assigned

**Docket No.:** 465-012US

**Title:** Location Estimation of Wireless Terminals Using Indoor Radio Frequency Models

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Name of person signing this certificate: Lillian Hayes

Signature

*Lillian Hayes*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22318-1450

Dear Sir:

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

NO FEE IS REQUIRED.

Pursuant to 37 C.F.R. 1.136(a)(3), please treat this and any concurrent or future reply in this application that requires a petition for an extension of time for its timely submission as incorporating a petition for extension of time for the appropriate length of time.

Respectfully,  
DeMont & Breyer, LLC

By *Jason Paul DeMont*  
Jason Paul DeMont  
Reg. No. 35793  
Attorney for Applicants  
732-578-0103 x11

Date 3/4/05

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United States of America

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

Application Number	10/727961
Filing Date	12/04/2003
First Named Inventor	Durgin
Art Unit	2685
Examiner Name	Not Yet Assigned
Attorney Docket Number	465-012US

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/727961		
		Filing Date	12/04/2003		
		First Named Inventor	Durgin		
		Art Unit	2685		
		Examiner Name	Not Yet Assigned		
Sheet	-2-	of	-2-	Attorney Docket Number	465-012US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	AGUIRRE et. al., Radio Propagation Into Buildings at 912, 1920, and 5990 MHz Using Microcells, Proceedings 3rd IEEE ICUPC, Oct. 1994, pp 129-134	✓
	CB	DURGIN, et. al., Measurements and Models for Radio Path Loss and Penetration Loss in and Around Homes and Trees at 5.85 GHz, IEEE Transactions on Communications, November 1998	
		pp. 1484-1496, Vol. 46, No. 11,	✓
	CC	DAVIDSON et. al., Measurement of Building Penetration Into Medium Buildings at 900 and 1500 MHz, IEEE Transactions on Vehicular Technology,	
		February 1997, pp. 161-168, Vol. 46, No. 1	✓

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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